

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-45. (Canceled).

46. (Currently Amended) A method of growing natural host tissue in an implant comprising the step of ~~implanting~~placing a sample of resorbable porous silicon ~~[[into]]~~in a living animal or human and allowing the implanted resorbable porous silicon to degrade while in the living animal or human and be replaced with natural animal or human tissue.

47. (Previously Presented) A method according to claim 46, wherein the porous silicon has a structure such that when immersed in a simulated body fluid solution the porous silicon dissolves over a period of time.

48. (Previously Presented) A method according to claim 46, wherein the resorbable silicon forms part of a bioactive silicon structure.

49.-85. (Canceled).

86. (Canceled).